

Version With Markings To Show Changes Made

IN THE CLAIMS

1. (Amended) A method of detecting the presence of at least one analyte in a sample, said method comprising:

(a) contacting said sample with a population of tagged affinity ligands under conditions sufficient to produce said at least one analyte/tagged affinity ligand complex;

(b) contacting said at least one analyte/tagged affinity ligand complex produced in step (a) with an array of tag complements under hybridization conditions to produce at least one surface bound hybridization complex;

(a) ~~producing at lease one surface bound hybridization complex on the surface of an array of distinct tag complements immobilized on a surface of a solid support, wherein said surface bound hybridization complex comprises a tag complement hybridized to a tag, wherein said tag is part of a tagged affinity ligand that is bound to said analyte;~~

(c) detecting the presence of said at least one surface bound hybridization complex thereby detecting the presence of said at least one analyte; and

(d) ~~relating the presence of said at least one surface bound hybridization complex to the presence of said at least one analyte in said sample to determine the presence of at least one analyte in a sample.~~

Cancel Claim 2.

Cancel Claim 3.

4. (Amended) The method according to Claim 1 ~~3~~, wherein the magnitude of any difference in hybridization efficiency between any two tag-tag complement pairs employed in said assay does not exceed about 10 fold.

Cancel Claim 11.

Cancel Claim 14.

16. (Amended) A kit for use in an analyte detection assay, said kit comprising:

(a) ~~at least one of:~~

(i) ~~an array of distinct tag complements immobilized on the surface of a sold support; and~~

(b)

(ii) a set of distinct tagged affinity ligands, wherein each member of said set comprises a tag that hybridizes to a tag complement of said array; and

(b) (c) means for identifying the physical location on said array to which each distinct tagged affinity ligand of said set hybridizes.

Cancel Claim 17.

22. (Amended) An array of distinct tag complements immobilized on a solid support, wherein said tag complements are members of a collection of tag-tag complement pairs in which the magnitude of any difference in hybridization efficiency between any two tag-tag

complements pairs in said collection does not exceed about 10 fold and at least one of said tag complements of said array is hybridized to a tagged affinity ligand.

Cancel Claim 23.

Cancel Claim 25.

Cancel Claim 26.

Cancel Claim 27.